

**IN THE SPECIFICATION:**

The specification has been amended as follows:

Page 9, Lines 14-19:

--Preferably, if the above-mentioned broad area is ~~all~~ the entire area of the specimen, the specimen spectrum can be specified more steadily. In addition, if a diameter of the above-mentioned broad area is set as not less than 100 times of the spot size of the electron beam, the specimen spectrum can be specified with accuracy.--

Page 11, Lines 7-14:

--More concretely, the arrangement is represented ~~by~~ in that each of a position of the specimen spectrum and a position of the stress impressed spectrum is compensated based on the spectrum of the external light, or that each of a position of the internal stress impressed spectrum and a position of the specimen spectrum or a position of the stress impressed spectrum is compensated based on the spectrum of the external light.--

Page 25, Lines 11-20:

--In case of doping the lanthanoid on the specimen, it is preferable that at least one of the elements is selected from the above-mentioned lanthanoid series, especially a family consisting of Sm, Eu, Tb, ~~Y~~, Yb, La, Er, and Gd. Since the above-mentioned Sm, Eu, Tb, ~~Y~~, Yb, La, Er, and Gd are high in light emitting efficiency compared with other element of the lanthanoid series, an amount of Sm, Eu, Tb, ~~Y~~, Yb, La, Er, and Gd to be doped can be lessened. As a result, it is possible to measure a stress of the specimen without changing a property of the specimen.--

Page 49, Line 28, through Page 50, Line 2:

--Furthermore, it is preferable that the above-mentioned lanthanoid is at least one element selected from a family consisting of Sm, Eu, Tb, ~~Y~~, Yb, La, Er, and Gd.--